

(12) United States Patent

Purkayastha et al.

(54) GLUCOSYLATED STEVIOL GLYCOSIDE AS A FLAVOR MODIFIER

(71) Applicant: PureCircle Sdn Bhd, Kuala Lumpur (MY)

Inventors: Siddhartha Purkayastha, Chicago, IL

(US); Avetik Markosyan, Yerevan

(AM)

(73) Assignee: PureCircle Sdn Bhd, Kuala Lumpur

(MY)

(*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35

U.S.C. 154(b) by 7 days.

Appl. No.: 15/437,208 (21)

(22)Filed: Feb. 20, 2017

Prior Publication Data (65)

> US 2017/0156384 A1 Jun. 8, 2017

Related U.S. Application Data

(60) Division of application No. 14/742,457, filed on Jun. 17, 2015, now Pat. No. 9,585,420, which is a division of application No. 14/031,290, filed on Sep. 19, 2013, 9,107,436, Pat. No. which continuation-in-part of application No. 14/005,852, filed as application No. PCT/US2012/030210 on Mar. 2012, now abandoned, which is a continuation-in-part of application No. 14/005,850, filed as application No. PCT/US2011/033912 on Apr. 2011, now abandoned, which is a continuation-in-part of application No. 13/567,707, filed on Aug. 6, 2012, now Pat. No. 8,647,844, which is a division of application No. 13/029,263, filed on Feb. 17, 2011, now Pat. No. 8,257,948, which is a continuation-in-part of application No. 13/589,754,

US 10,398,160 B2 (10) Patent No.:

(45) **Date of Patent:**

Sep. 3, 2019

filed on Aug. 20, 2012, now Pat. No. 8,735,101, which is a continuation of application No. 13/074,179, filed on Mar. 29, 2011, now Pat. No. (Continued)

(51) Int. Cl.

A23L 27/30 (2016.01)A23L 2/60 (2006.01)A23L 27/00 (2016.01)

(52) U.S. Cl.

CPC A23L 27/33 (2016.08); A23L 2/60 (2013.01); A23L 27/36 (2016.08); A23L 27/88 (2016.08); A23V 2002/00 (2013.01); A23V 2200/16 (2013.01); A23V 2250/258 (2013.01); A23V 2250/5114 (2013.01)

(58)Field of Classification Search

> CPC A23L 27/33 See application file for complete search history.

(56)References Cited

U.S. PATENT DOCUMENTS

4,219,571 A † 8/1980 Miyake 7,807,206 B2 † 10/2010 Magomet (Continued)

FOREIGN PATENT DOCUMENTS

H4-322220 A † 5/1994

Primary Examiner — Rosanne Kosson (74) Attorney, Agent, or Firm — Briggs and Morgan, P.A; Audrey J. Babcock

(57)**ABSTRACT**

A taste and flavor profile modifying composition is described. The composition includes a blend of glucosylated steviol glycosides and residual steviol glycosides which can modify the intensity of a taste and/or flavor in a food or beverage product.

5 Claims, 5 Drawing Sheets



